

QUALITY ASSURANCE PROVISIONS

C-321: SPECIFICATION:

NSN: 9G-1560-01-232-8816

P/N: (76301) 74A480622-2001

NOMEN: Arresting Hook Stop

APPLICABLE CLAUSES:

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number (76301) 74A480622-2001 REV. "B", and all details and specifications referenced therein.

I. Material : 4340 I/A/W AMS 6414 FORGED

II. Quality/Inspection Requirements

- A. MIL-I-45208 applies or ISO/ Commercial Industry equivalent
- B. Production Lot Testing applies: Refer to contract section C
- C. Mandatory Inspection applies: Refer to contract section C.

III. Supplemental Requirements

- A. The contractor shall include on the detailed process/operation sheets developed, all in house manufacturing processes and the identity of all manufacturing sources performing processes/ operations outside of their facilities. These sheets shall not be revised or altered after the successful completion of First Article or Production Lot Testing without approval from the basic design engineering activity via the PCO
- B. The Inspection Method Sheets which list the characteristics of each item produced under the contract shall have serial number traceability to the raw material, casting, or forging.
- C. Markings should be I/A/W MIL-STD-130 REV. "G" para. 5.3.3(a), (b), (c) and (g). Method and location shall be I/A/W drawing.

IV. Mandatory Inspection Requirements:

During production, mandatory inspection is required to be accomplished by the contractor as follows:

A. Level of Inspection (LOI).

- 1) Critical Characteristics: 100% inspection shall apply.
- 2) Major and Minor Characteristics - LOI shall be I/A/W a sampling plan acceptable to the QAR.

B. Critical Characteristics

[Shall be defined as below, unless defined by the prime contractor]

[Diametrical and linear dimensions having a total tolerance of 0.001 or less.]

[Surface finishes having a 16 value or less.]

[Any geometric feature control requirement with a total tolerance range of .002" or less.]

[Angular tolerances with a total range less than 1 degree.]

[Threads specified to Class 3 or greater.]

C. Major and Minor Characteristics

- 1) Shall be defined by the contractor subject to QAR concurrence, unless defined on applicable drawings and associated specifications.

V. The below listed drawings apply:

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VI. Unless expressly provided for elsewhere in this Clause, equipment such as fixtures, jigs, dies, patterns, templates, mylars, special tooling, test equipment, or any other manufacturing aid required for the manufacture and/or testing of the subject item(s) will not be provided by the Government or any other source and is the sole responsibility of the contractor. The foregoing applies notwithstanding any reference to such equipment or the furnishing thereof that may be contained in any drawing or referenced specification.

C-330**PRODUCTION LOT TESTING REQUIREMENTS**

NSN: 9G-1560-01-232-8816

P/N: (76301) 74A480622-2001

NOMEN: Arresting Hook Stop

APPLICABLE CLAUSES:

The material produced under contract shall be accepted by the cognizant CAO/QAR contingent upon the successful completion of these requirements.

I. Production Lot Test Sampling Requirements

A. The Production Lot is a defined quantity of finished items of identical part number, fabricated from the same heat or melt of material, produced as one continuous run, or order or part thereof and heat treated produced as a controlled batch. Selected at random by the cognizant government inspector.

B. The cognizant CAO/QAR shall verify compliance with drawing and all specifications referenced therein.

II. The tests to be performed under the Production Lot Sample testing provisions of the contract are:

A. Compliance with drawing (76301) 74A480622-2001 REV. "B ", and specifications referenced therein.

B. 100% Dimensional Check

C. Review of documentation as provided under CDRL (DD1423) requirements.

In addition to the above tests, the Production Lot Samples(s) to be delivered hereunder shall also be subjected to those tests which will demonstrate that the sample(s) comply with contract requirements.

III. Testing Location, Cost and Estimated Leadtime

A. All testing to be accomplished at contractors facility.

Within fifteen days of completion of Production Lot Testing, The CAO/QAR shall prepare and submit two copies of their test report with conclusions and recommendations to the Contracting Officer.

IV. NOTIFICATION OF TESTING:

The contractor shall notify the PCO, ACO and QAR prior to conducting Production Lot Tests so that the Government may witness such testing.

A. The QAR shall be present to witness all Production Lot Tests and review the CDRL DDForm 1423 Requirements.

V. Shipment and Distribution of Samples

A. Sample(s) may be considered as production items under the contract provided the sample(s) can be refurbished to Ready for Issue (RFI) condition and provided the sample(s) have inspection approval of the cognizant QAR. Sample(s) may be shipped as production items only after all other units required under the contract have been produced and are ready for shipment.